Application No.: 10/681,884

Date of Amendment: To Be Determined

Date of Office Action: July 5, 2006

In the claims:

Please amend the claims as follows:

(Currently Amended) An apparatus for cutting a workpiece, the apparatus 1.

comprising:

a linear feed assembly capable of automatically moving a workpiece forward and

backward along its longitudinal axis to position the workpiece for a cut; and

an automated cutting assembly having at least one cutting blade, the cutting blade

automatically rotatable about a pivot axis, automatically movable along a vertical axis into

and out of cutting contact with a workpiece, and automatically rotatable along a bevel axis,

the apparatus able to automatically cut the workpiece at a bevel angle using a stab cut by

automatically moving the workpiece along its longitudinal axis using the linear feed

assembly and simultaneously automatically moving the cutting assembly along the vertical

axis.

2. (Currently Amended) An apparatus as in Claim 1 wherein the cutting blade is further

automatically movable along a transverse axis, the apparatus able to cut the workpiece at a

eompound bevel cut using a stab cut and thereafter in combination with cutting the workpiece

while automatically moving the blade along the transverse axis.

3. (Currently Amended) An apparatus as in Claim 1 further comprising a computer

assembly for operating and controlling movement of the cutting assembly blade.

4. (Currently Amended) An apparatus as in Claim 1, the cutting blade having a

maximum cut length longer shorter than the length of the compound bevel cut.

5. (Original) An apparatus as in Claim 1, the blade having a maximum cut length of

at least six inches.

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6. (Original) An apparatus as in Claim 5 further comprising upstream and downstream feed assemblies operable to clamp and move workpieces, sense the presence or absence of a workpiece, determine the length of a workpiece, and position the workpiece for

cutting at a selected length.

7. (Original) An apparatus as in Claim 1, the blade having a maximum cut length of

at least ten inches.

8. (Original) An apparatus as in Claim 1 wherein the apparatus is able to cut the

workpiece at other than a ninety-degree bevel cut.

9. (Currently Amended) An apparatus for cutting a workpiece, the apparatus

comprising:

a linear feed system for automatically moving a workpiece forward and backward

along its longitudinal axis; and

a cutting assembly having a cutter blade capable of <u>automatically</u> cutting the

workpiece using a stab cut, the apparatus capable of automatically moving the workpiece

along its longitudinal axis and simultaneously automatically cutting the workpiece using a

stab cut to create a bevel cut on the workpiece.

10. (Original) An apparatus as in 9 wherein the cutting blade is further automatically

movable along a transverse axis and is capable of cutting the workpiece using a stab cut in

combination with a transverse cut.

11. (Original) An apparatus as in Claim 9 further comprising a computer assembly

for operating and controlling movement of the cutting blade.

12. (Original) An apparatus as in Claim 9, the cutter blade having a maximum cut

length greater than the length of the bevel cut.

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13. (Original) An apparatus as in Claim 9 wherein the bevel cut is a ninety-degree

bevel cut.

14. (Currently Amended) An apparatus for cutting a workpiece, the apparatus comprising:

a linear feed assembly for automatically moving a workpiece forward and backward

along its longitudinal axis; and

a cutting assembly having a cutting blade, the cutting assembly capable of cutting the

workpiece using a stab cut, the cutting blade having a maximum cut length, the apparatus and

capable of automatically creating a bevel cut by simultaneously moving the workpiece along

its longitudinal axis and automatically cutting the workpiece using a stab cut, wherein the

length of the bevel cut is greater than the cut length of the blade.

15. (Original) An apparatus as in 14 wherein the cutting blade is further

automatically movable along a transverse axis.

16. (Currently Amended) An apparatus as in Claim 16 14 wherein the cutting blade is

operable to automatically create at least one bevel cut on a workpiece, at least one transverse

cut on the workpiece, and at least one scarf cut on the workpiece.

17. Canceled.

18. Canceled.

19. Canceled.

20. Canceled.